



# Hunters Point Radiological Program Update

Hunters Point Naval Shipyard  
BCT Meeting  
June 23, 2011



# Overview



## Radiological Project Work Overview

- Current Project Map
- SS/SD Removal and Building Survey Update
  - Crisp Rd.
  - Parcel C
  - Parcel E 500-Series
  - Parcel D-1















# 2011 Radiological Projects



## LEGEND

NAVY PROPERTY BOUNDARY (OFFSHORE)

## PROJECT AREAS

-  IMPACTED BUILDINGS OR SITES CONTROLLED BY TTEC
-  IMPACTED SITES THAT HAVE OBTAINED REGULATORY RELEASE
-  ERRG IR-07/18 CAP
-  EMS BIN STORAGE
-  MACTEC (ERS/JV) PIER REMOVAL
-  SHAW D1
-  SHAW PCB
-  TTEC CRISP ROAD
-  TTEC RSY'S
-  TTEC PARCEL C
-  TTEC PARCEL E 500 SERIES
-  RSY PADS





## Crisp Rd/Parcel E Ongoing Field Work



- Bldg. 707 Triangle
  - 95 percent complete. 2 survey units with elevated Sr-90 & Cs-137. Will require additional step out into adjacent roadway
- IR-04 Scrap Yard
  - Completed backfill of final trench
  - Drafting FSS report
- All other buildings and sites
  - Field work complete



## Parcel C Storm Drain & Sewer Removals

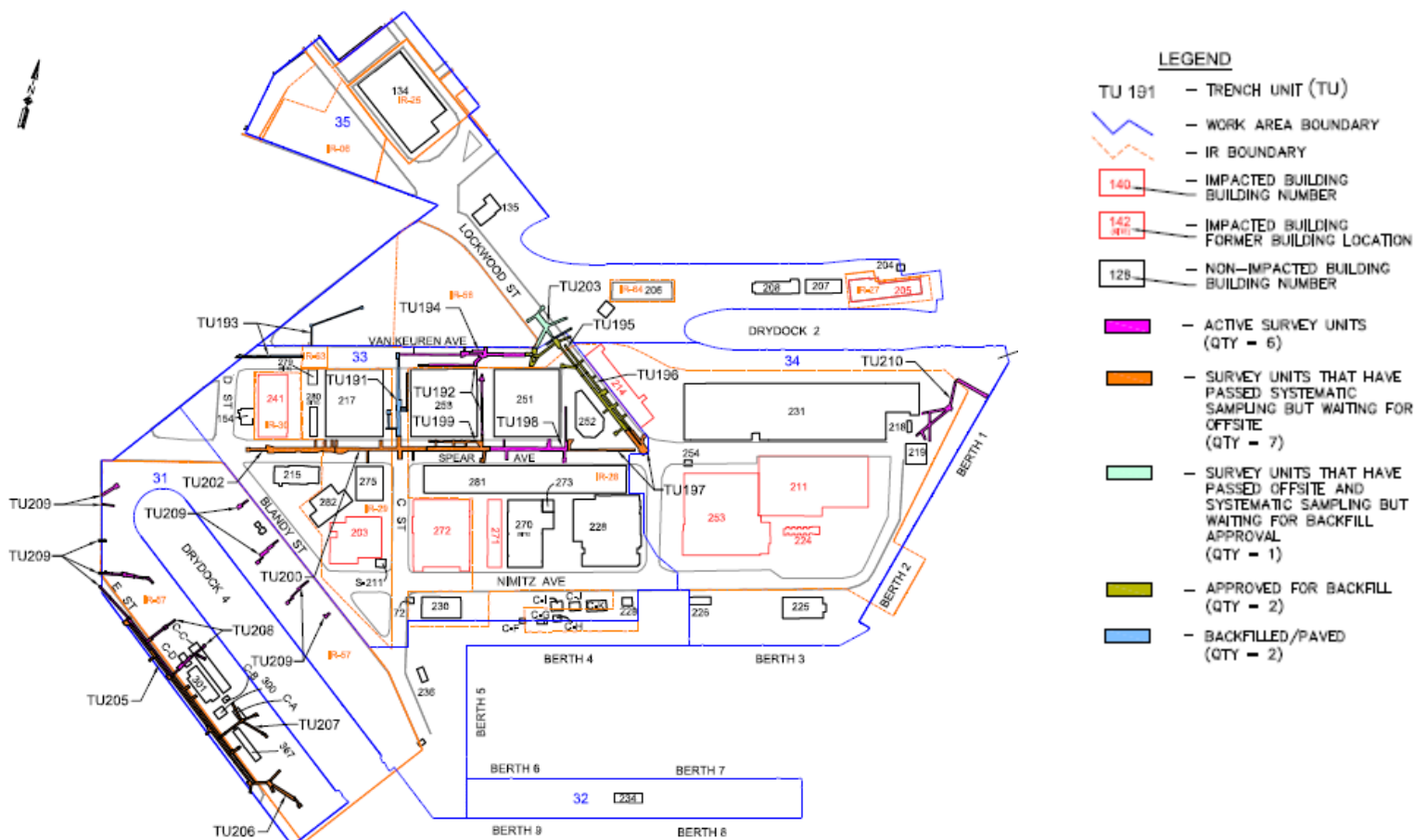


- SS/SD line removal commenced in Parcel C on January 4th
  - Excavated soil and pipe removal through June 17, 2011:
    - 12,473 linear feet of SS/SD lines removed
    - 23,148 cubic yards excavated
    - 2 Survey Units have been backfilled
    - 6 Survey Units currently being surveyed and sampled
    - 7 Survey Units awaiting offsite data prior to backfilling
    - 3 Survey Unit passed offsite and systematic sampling and awaiting backfill approval



# Parcel C

## Storm Drain & Sewer Removals





## Parcel C Building Surveys



- Building Final Status Surveys (FSSs)
  - Complete removal of sewer lines in Buildings 203, 241, and 271
  - Completed Radiological Survey of Building 214, 241, and 272 and data is under internal review
  - Draft Building 271 FSS under RASO review





# Parcel C Asphalt & Concrete Recycling



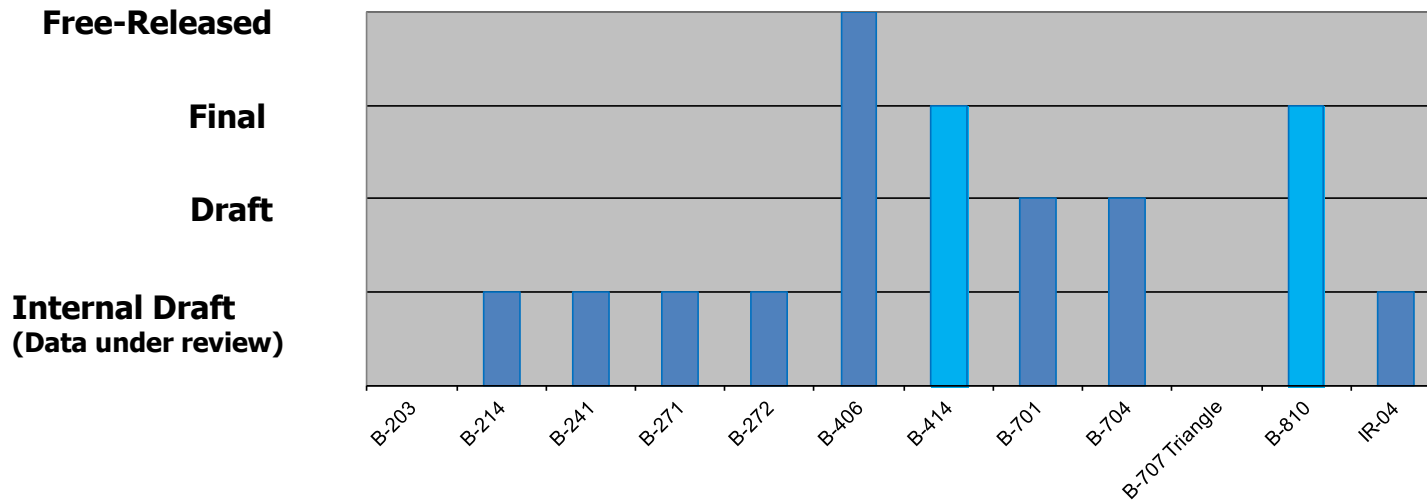
- Completed asphalt and concrete recycling on June 6
- 11,226 tons of asphalt and 4,000 tons of concrete recycled







# Parcel C & Interior E Buildings/Sites Status



Waiting for concurrence for  
Free-Release determination





## Parcel E 500 Series



- Building 521: Completed boiler demolition and ACM removal activities
- Building 503 Site: Began scanning and collecting soils samples of construction spoils to SE of site



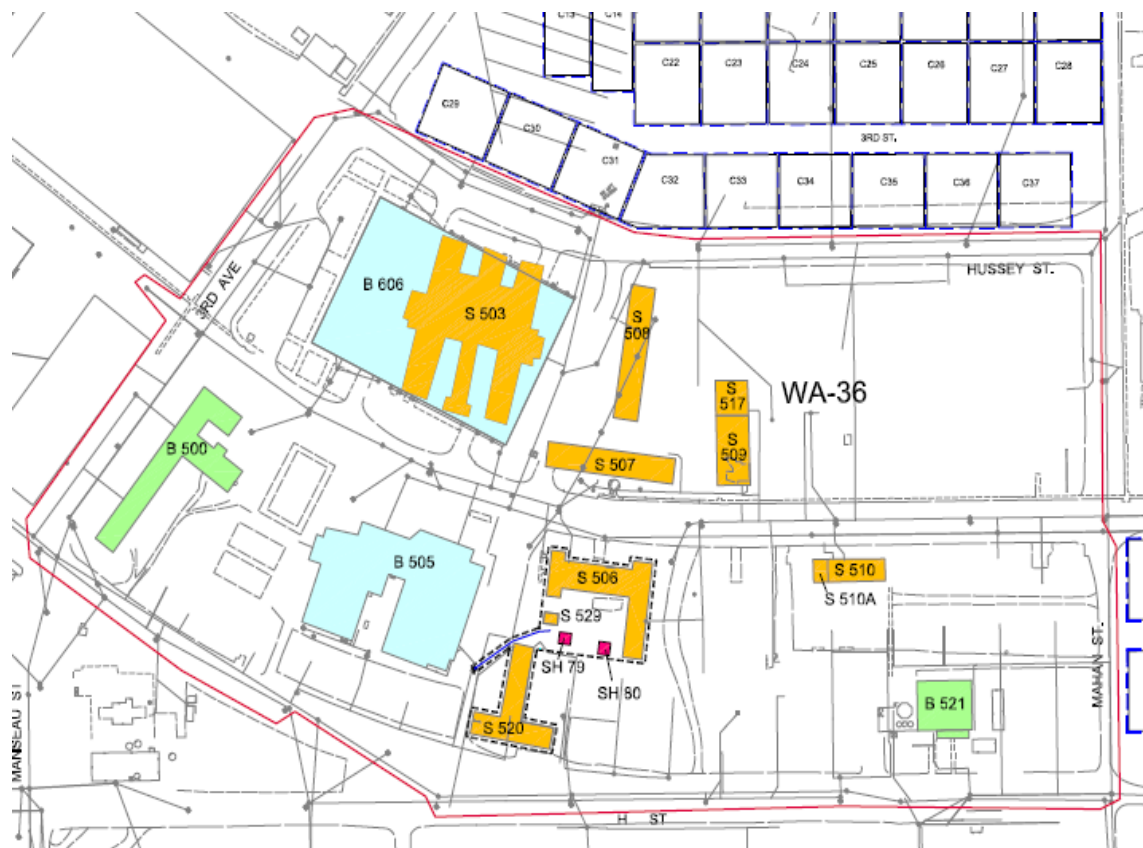
- Submitted Final TSPs for Former Building 503, 507, 509, and 517 Sites
- Working with RASO on Draft TSP for Former Building 508 Site



# Impacted Building and Sites Within Parcel E 500 Series Area



- LEGEND**
- WORK AREA BOUNDARY (WA-36)
  - RADIOACTIVE MATERIAL AREA
  - STORM DRAIN LINE
  - NON-IMPACTED BUILDINGS
  - IMPACTED BUILDINGS
  - IMPACTED BUILDING SITES
  - IMPACTED SHACK SITES
  - RSY 2, 3 AND 4 SCREENING PADS





# Status of Parcels B & G



- Building 140 Discharge Channel FSS report
  - CDPH performed confirmation survey on April 13, 2011
- Building 140 Tech Memo submitted for Regulatory review May 23
  - EPA and City/Lennar concur that Building 140 and its appurtenant structures do not present a threat to human health and the environment and can be released for unrestricted use
  - awaiting CDPH comments
- Draft Parcel B RACR will be issued after B140 Tech Memo is finalized. Estimated in early August 2011.
- Preparing response to regulatory comments on Draft Parcel G RACR





# Deconstruction of Gun Mole Pier Pads in RSY 2



- Completed deconstructing RSY Pads C1-C07 to allow Shaw access to sanitary sewer and storm drain lines on the Gun Mole Pier





# IR07/18 Modeling Update



- A meeting was held on June 8, 2011 in Sacramento with DTSC/CDPH/EPA/NAVY to discuss dose and risk modeling for IR-7/18
  - Navy provided DRAFT dose and risk modeling tech memorandum
  - Reviewed assumptions and input parameters used in model
  - CDPH and EPA provided useful feedback and suggestions
  - Navy currently working on revision to dose and risk model and other components of license exemption package



## Parcel D-1



### Field Work Update

- Currently remediating and evaluating post remediation samples on the Gun Mole Pier, South Pier, and at Building Sites 313, 313A, and 322
- SS/SD removals under RSY 2 pads will commence in July
  - All other SS/SD lines removed and surveyed

### SUPR and FSS reports

- Begin submitting Draft SUPR reports in July
- Building 274 FSS under internal review





Comments, Questions, Concerns ???